

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Jeffrey W. Meyer et al.

Application No.: To Be Assigned

Art Unit: To Be Assigned

Filed: March 12, 2004

Examiner: To Be Assigned

For: METAL WOOD CLUB

Atty. Docket No.: C03-04

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 AND 1.98

MS Patent Application

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. § 1.97 and 1.98, enclosed is a list of two-hundred fifty-two (252) references, in reverse chronological order. Copies of foreign patent documents and other references, if any, are enclosed herein for the Examiner's convenience. It is respectfully requested that these references be made of record in this application by the Examiner's completion and return of the List of References.

No fee is believed to be due for this submission because it is being made before an initial Office Action on the merits of the above-identified application. Should any fee be required, however, please charge such fee to the Acushnet Company Deposit Account No. 502309.

Respectfully submitted,



D. Michael Burns (Reg. No. 38,400)

Date: March 12, 2004

Acushnet Company
PO Box 965
Fairhaven, MA 02719-0965
(508) 979-3563

| | | | |
|--|--|--------------------------------------|----------------------------------|
| LIST OF REFERENCES BY APPLICANT | Attorney Docket Number C03-04 | Application Number To Be Assigned | |
| | First Named Inventor Jeffrey W. Meyer | | |
| | Filing Date March 12, 2004 | Examiner Name To Be Assigned | Group Art Unit To Be Assigned |

U.S. PATENT DOCUMENTS:

| EXAMINER INITIAL | Cite No. | Document Number | Publication Date | Name of Patentee or Applicant | Class | Subclass | Filing Date |
|---------------------|-------------|-----------------|------------------|-------------------------------|-------|----------|-------------|
| | AA | 6,755,627 | 05/98 | Yamazaki et al. | | | |
| | AB | 6,648,774 | 11/03 | Lee | | | |
| | AC | 6,612,938 | 09/03 | Murphy et al. | | | |
| | AD | 6,607,452 | 08/03 | Helmstetter et al. | | | |
| | AE | 6,575,845 | 06/03 | Galloway et al. | | | |
| | AF | 6,565,452 | 05/03 | Helmstetter et al. | | | |
| | AG | 6,435,982 | 08/02 | Galloway, et al. | | | |
| | AH | 6,398,666 | 06/02 | Evans, et al. | | | |
| | AI | 6,390,933 | 05/02 | Galloway | | | |
| | AJ | 6,381,828 | 05/02 | Boyce | | | |
| | AK | 6,368,234 | 04/02 | Galloway | | | |
| | AL | 6,354,962 | 03/02 | Galloway et al. | | | |
| | AM | 6,338,683 | 01/02 | Kosmatka | | | |
| | AN | 6,334,817 | 01/02 | Ezawa et al. | | | |
| | AO | 6,319,150 | 11/01 | Werner, et al. | | | |
| | AP | 6,248,025 | 06/01 | Murphy | | | |
| | AQ | 6,152,833 | 11/00 | Werner, et al. | | | |
| | AR | 6,143,169 | 11/00 | Lee | | | |
| | AS | 6,139,445 | 10/00 | Werner, et al. | | | |
| | AT | 6,027,416 | 02/00 | Schmidt, et al. | | | |
| | AU | 6,007,432 | 12/99 | Kosmatka | | | |
| | AV | 5,993,329 | 11/99 | Shich | | | |
| | AW | 5,971,868 | 10/99 | Kosmatka | | | |
| | AX | 5,967,905 | 10/99 | Nakahara et al. | | | |
| | AY | 5,961,394 | 10/99 | Minabe | | | |
| | AZ | 5,954,596 | 09/99 | Noble, et al. | | | |
| | BA | 5,944,619 | 08/99 | Cameron | | | |
| | BB | 5,941,782 | 04/99 | Cook | | | |
| | BC | 5,938,541 | 08/99 | Allen et al. | | | |
| | BD | 5,935,019 | 08/99 | Yamamoto | | | |

| | | | | | | | |
|--|----|-----------|-------|-------------------|--|--|--|
| | BE | 5,931,746 | 08/99 | Soong | | | |
| | BF | 5,921,872 | 07/99 | Kobayashi | | | |
| | BG | 5,908,357 | 06/99 | Hsieh | | | |
| | BH | 5,890,973 | 04/99 | Gamble | | | |
| | BI | 5,888,148 | 03/99 | Allen | | | |
| | BJ | 5,873,795 | 02/99 | Wozny et al. | | | |
| | BK | 5,873,791 | 02/99 | Allen | | | |
| | BL | 5,863,261 | 01/99 | Eggiman | | | |
| | BM | 5,851,159 | 12/98 | Burrows | | | |
| | BN | 5,842,934 | 12/98 | Ezaki et al. | | | |
| | BO | 5,839,975 | 11/98 | Lundberg | | | |
| | BP | 5,830,084 | 11/98 | Kosmatka (see GF) | | | |
| | BQ | 5,827,132 | 10/98 | Bamber | | | |
| | BR | 5,807,190 | 09/98 | Krumme et al. | | | |
| | BS | 5,776,011 | 07/98 | Su et al. | | | |
| | BT | 5,766,095 | 06/98 | Antonious | | | |
| | BU | 5,766,094 | 06/98 | Mahaffey et al. | | | |
| | BV | 5,766,092 | 06/98 | Mimeur et al. | | | |
| | BW | 5,762,567 | 06/98 | Antonious | | | |
| | BX | 5,755,624 | 05/98 | Helmstetter | | | |
| | BY | 5,753,170 | 05/98 | Muang | | | |
| | BZ | 5,743,813 | 04/98 | Chen et al. | | | |
| | CA | 5,720,673 | 02/98 | Anderson | | | |
| | CB | 5,718,641 | 02/98 | Lin | | | |
| | CC | 5,716,292 | 02/98 | Huang | | | |
| | CD | 5,711,722 | 01/98 | Miyajima et al. | | | |
| | CE | 5,709,615 | 01/98 | Liang | | | |
| | CF | 5,709,614 | 01/98 | Horiba | | | |
| | CG | 5,695,411 | 12/97 | Wright et al. | | | |
| | CH | 5,674,132 | 10/97 | Fisher | | | |
| | CI | 5,669,829 | 09/97 | Lin | | | |
| | CJ | 5,669,827 | 09/97 | Nagamoto | | | |
| | CK | 5,655,976 | 08/97 | Rife | | | |
| | CL | 5,651,409 | 07/97 | Sheehan | | | |
| | CM | 5,649,872 | 07/97 | Antonious | | | |
| | CN | 5,643,110 | 07/97 | Igarashi | | | |

| | | | | | | | |
|--|----|-----------|-------|------------------|--|--|--|
| | CO | 5,643,108 | 07/97 | Cheng | | | |
| | CP | 5,643,104 | 07/97 | Antonious | | | |
| | CQ | 5,626,530 | 05/97 | Schmidt et al. | | | |
| | CR | 5,624,331 | 04/97 | Lo et al. | | | |
| | CS | 5,611,742 | 03/97 | Kobayashi | | | |
| | CT | 5,611,741 | 03/97 | Schmidt et al. | | | |
| | CU | 5,595,552 | 01/97 | Wright et al. | | | |
| | CV | 5,584,770 | 12/96 | Jensen | | | |
| | CW | 5,564,994 | 10/96 | Chang | | | |
| | CX | 5,549,297 | 08/96 | Mahaffey | | | |
| | CY | 5,547,630 | 08/96 | Schmidt | | | |
| | CZ | 5,536,006 | 07/96 | Shieh | | | |
| | DA | 5,533,729 | 07/96 | Leu | | | |
| | DB | 5,524,331 | 06/96 | Pond | | | |
| | DC | 5,522,593 | 06/96 | Kobayashi et al. | | | |
| | DD | 5,505,453 | 04/96 | Mack | | | |
| | DE | 5,497,993 | 03/96 | Shan | | | |
| | DF | 5,482,279 | 01/96 | Antonious | | | |
| | DG | 5,474,296 | 12/95 | Schmidt et al. | | | |
| | DH | 5,470,069 | 11/95 | Schmidt et al. | | | |
| | DI | 5,467,983 | 11/95 | Chen | | | |
| | DJ | 5,460,376 | 10/95 | Schmidt et al. | | | |
| | DK | 5,451,056 | 09/95 | Manning | | | |
| | DL | 5,447,309 | 09/95 | Vincent | | | |
| | DM | 5,447,307 | 09/95 | Antonious | | | |
| | DN | 5,433,440 | 07/95 | Lin | | | |
| | DO | 5,431,396 | 07/95 | Shieh | | | |
| | DP | 5,429,357 | 07/95 | Kobayashi | | | |
| | DQ | 5,423,535 | 06/95 | Shaw et al. | | | |
| | DR | 5,417,559 | 05/95 | Schmidt | | | |
| | DS | 5,417,419 | 05/95 | Anderson et al. | | | |
| | DT | 5,407,202 | 04/95 | Igarashi | | | |
| | DU | 5,405,137 | 04/95 | Vincent et al. | | | |
| | DV | 5,405,136 | 04/95 | Hardman | | | |
| | DW | 5,401,021 | 03/95 | Allen | | | |
| | DX | 5,397,126 | 03/95 | Allen | | | |

| | | | | | | | |
|--|----|-----------|-------|-------------------|--|--|--|
| | DY | 5,395,113 | 03/95 | Antonious | | | |
| | DZ | 5,390,924 | 02/95 | Antonious | | | |
| | EA | 5,380,010 | 01/95 | Werner, et al. | | | |
| | EB | 5,366,223 | 11/94 | Werner, et al. | | | |
| | EC | 5,362,055 | 11/94 | Rennie | | | |
| | ED | 5,362,047 | 11/94 | Shaw et al. | | | |
| | EE | 5,358,249 | 10/94 | Mendralla | | | |
| | EF | 5,351,958 | 10/94 | Helmstetter | | | |
| | EG | 5,346,218 | 09/94 | Wyte | | | |
| | EH | 5,344,140 | 09/94 | Anderson | | | |
| | EI | 5,328,184 | 07/94 | Antonious | | | |
| | EJ | 5,318,300 | 06/94 | Schmidt et al. | | | |
| | EK | 5,301,945 | 04/94 | Schmidt et al. | | | |
| | EL | 5,295,689 | 03/94 | Lundberg | | | |
| | EM | 5,292,129 | 03/94 | Long et al. | | | |
| | EN | 5,271,621 | 12/93 | Lo | | | |
| | EO | 5,261,664 | 11/93 | Anderson | | | |
| | EP | 5,261,663 | 11/93 | Anderson | | | |
| | EQ | 5,255,918 | 10/93 | Anderson et al. | | | |
| | ER | 5,242,167 | 09/93 | Antonious | | | |
| | ES | 5,240,252 | 08/93 | Schmidt et al. | | | |
| | ET | 5,221,087 | 06/93 | Fenton et al. | | | |
| | EU | 5,213,328 | 05/93 | Long et al. | | | |
| | EV | 5,183,255 | 02/93 | Antonious | | | |
| | EW | 5,180,166 | 01/93 | Schmidt et al. | | | |
| | EX | 5,163,682 | 11/92 | Schmidt et al. | | | |
| | EY | 5,141,230 | 08/92 | Antonious | | | |
| | EZ | 5,106,094 | 04/92 | Desbiolles et al. | | | |
| | FA | 5,094,383 | 03/92 | Anderson et al. | | | |
| | FB | 5,090,702 | 02/92 | Viste | | | |
| | FC | 5,067,715 | 11/91 | Schmidt et al. | | | |
| | FD | 5,060,951 | 10/91 | Allen | | | |
| | FE | 5,056,705 | 10/91 | Wakita et al. | | | |
| | FF | 5,046,733 | 09/91 | Antonious | | | |
| | FG | 5,028,049 | 07/91 | McKeighen | | | |
| | FH | 5,024,437 | 06/91 | Anderson | | | |

| | | | | | | | |
|--|----|-----------|-------|-------------------|--|--|--|
| | FI | 5,000,454 | 03/91 | Soda | | | |
| | FJ | 4,955,610 | 09/90 | Creighton et al. | | | |
| | FK | 4,932,658 | 06/90 | Antonious | | | |
| | FL | 4,930,781 | 06/90 | Allen | | | |
| | FM | 4,928,965 | 05/90 | Yamaguchi, et al. | | | |
| | FN | 4,921,252 | 05/90 | Antonious | | | |
| | FO | 4,919,431 | 04/90 | Antonious | | | |
| | FP | 4,919,430 | 04/90 | Antonious | | | |
| | FQ | 4,915,386 | 04/90 | Antonious | | | |
| | FR | 4,915,385 | 04/90 | Anderson | | | |
| | FS | 4,913,438 | 04/90 | Anderson | | | |
| | FT | 4,842,243 | 06/89 | Butler | | | |
| | FU | 4,826,172 | 05/89 | Antonious | | | |
| | FV | 4,792,140 | 12/88 | Yamaguchi et al. | | | |
| | FW | 4,762,324 | 08/88 | Anderson | | | |
| | FX | 4,511,145 | 04/85 | Schmidt | | | |
| | FY | 4,489,945 | 12/84 | Kobayashi | | | |
| | FZ | 4,471,961 | 09/84 | Masghati et al. | | | |
| | GA | 4,465,221 | 08/84 | Schmidt | | | |
| | GB | 4,451,042 | 05/84 | Hayashi et al. | | | |
| | GC | 4,451,041 | 05/84 | Hayashi et al. | | | |
| | GD | 4,449,707 | 05/84 | Hayashi et al. | | | |
| | GE | 4,443,549 | 02/84 | Zebelean | | | |
| | GF | 4,429,879 | 02/84 | Schmidt | | | |
| | GG | 4,214,754 | 07/80 | Zebelean | | | |
| | GH | 4,213,613 | 07/80 | Nygren | | | |
| | GI | 4,193,601 | 03/80 | Reid, Jr. et al. | | | |
| | GJ | 4,023,802 | 05/77 | Jepson et al. | | | |
| | GK | 4,021,047 | 05/77 | Mader | | | |
| | GL | 3,985,363 | 10/76 | Jepson et al. | | | |
| | GM | 3,863,932 | 02/75 | Lezatte | | | |
| | GN | 3,659,855 | 05/72 | Hardesty | | | |
| | GO | 3,625,518 | 12/71 | Solheim | | | |
| | GP | 3,571,900 | 03/71 | Hardesty | | | |
| | GQ | 3,567,228 | 03/71 | Lynn | | | |
| | GR | 2,087,685 | 07/37 | Hackney | | | |

| | | | | | | | |
|--|----|------------|-------|-----------------|--|--|--|
| | GS | 2,034,936 | 03/36 | Barnhart | | | |
| | GT | 1,720,867 | 07/29 | Webster et al. | | | |
| | GU | 1,704,165 | 03/29 | Buhrke | | | |
| | GV | 1,704,119 | 03/29 | Buhrke | | | |
| | GW | 1,699,874 | 01/29 | Buhrke | | | |
| | GX | 1,605,551 | 11/26 | Mattern | | | |
| | GY | 1,595,589 | 08/26 | Tyler | | | |
| | GZ | 1,589,363 | 06/26 | Butchart | | | |
| | HA | 1,582,836 | 04/26 | Link | | | |
| | HB | 1,543,691 | 06/25 | Beat | | | |
| | HC | 1,525,352 | 02/25 | Aitken | | | |
| | HD | 1,467,435 | 09/23 | Kinnear | | | |
| | HE | 1,319,233 | 10/19 | Mattern | | | |
| | HF | 1,318,325 | 10/19 | Klin | | | |
| | HG | Re: 35,955 | 11/98 | Lu | | | |
| | HH | Re: 34,925 | 05/95 | McKeighen | | | |
| | HI | D415,807 | 10/99 | Werner, et al. | | | |
| | HJ | D411,272 | 06/99 | Burrows | | | |
| | HK | D406,294 | 03/99 | Burrows | | | |
| | HL | D401,652 | 11/98 | Burrows | | | |
| | HM | D387,113 | 12/97 | Burrows | | | |
| | HN | D379,393 | 05/97 | Kubica et al. | | | |
| | HO | D312,858 | 12/90 | Anderson et al. | | | |
| | HP | D267,965 | 02/83 | Kobayashi | | | |

| EXAMINER INITIAL | | Document Number | Publication Date | Name of Patentee or Applicant | Class | Subclass | Translation Attached (Y/N) |
|---------------------|----|-----------------|------------------|-------------------------------|-------|----------|-------------------------------|
| | HQ | 2331938A | 06/99 | United Kingdom | | | |
| | HR | 10337347 | 12/98 | Japan (Abstract only) | | | |
| | HS | 10323410 | 12/98 | Japan | | | |
| | HT | 10263121 | 10/98 | Japan | | | |
| | HU | 10258142 | 09/98 | Japan | | | |
| | HV | 10155943 | 06/98 | Japan | | | |
| | HW | 10137372 | 05/98 | Japan (see AM) | | | |
| | HX | 10118227 | 05/98 | Japan | | | |
| | HY | 10085369 | 04/98 | Japan | | | |
| | HZ | 10024128 | 01/98 | Japan | | | |

| | | | | | | | |
|--|----|----------|-------|-----------------------|--|--|--|
| | IA | 10024126 | 01/98 | Japan | | | |
| | IB | 9299519 | 11/97 | Japan | | | |
| | IC | 9294833 | 11/97 | Japan | | | |
| | ID | 2717759 | 11/97 | Japan | | | |
| | IE | 9248353 | 09/97 | Japan | | | |
| | IF | 9239075 | 09/97 | Japan | | | |
| | IG | 9239074 | 09/97 | Japan | | | |
| | IH | 9192273 | 07/97 | Japan | | | |
| | II | 9192270 | 07/97 | Japan | | | |
| | IJ | 9168613 | 06/97 | Japan | | | |
| | IK | 9168613 | 06/97 | Japan | | | |
| | IL | 9154985 | 06/97 | Japan | | | |
| | IM | 9047531 | 02/97 | Japan | | | |
| | IN | 9028842 | 02/97 | Japan | | | |
| | IO | 8294550 | 11/96 | Japan | | | |
| | IP | 8280854 | 10/96 | Japan | | | |
| | IQ | 8280853 | 10/96 | Japan | | | |
| | IR | 8243194 | 09/96 | Japan | | | |
| | IS | 8168541 | 07/96 | Japan | | | |
| | IT | 1114911 | 01/96 | China (Abstract only) | | | |
| | IU | 6269518 | 09/94 | Japan | | | |
| | IV | 6182005 | 07/94 | Japan | | | |
| | IW | 6154367 | 06/94 | Japan | | | |
| | IX | 6126002 | 05/94 | Japan | | | |
| | IY | 6114126 | 04/94 | Japan | | | |
| | IZ | 06031016 | 02/94 | Japan | | | |
| | JA | 6007487 | 01/94 | Japan | | | |
| | JB | 2268693A | 01/94 | United Kingdom | | | |
| | JC | 05237207 | 09/93 | Japan | | | |
| | JD | 5212526 | 08/93 | Japan | | | |
| | JE | 4327864 | 11/92 | Japan | | | |
| | JF | 4020357 | 01/92 | Japan | | | |
| | JG | 02130519 | 05/90 | Japan | | | |
| | JH | 1244770 | 09/89 | Japan | | | |
| | JI | 61240977 | 10/86 | Japan | | | |
| | JJ | 61185281 | 08/86 | Japan | | | |

| | | | | | | | |
|--|----|----------|-------|-------|--|--|--|
| | JK | 61181477 | 08/86 | Japan | | | |
| | JL | 61162967 | 07/86 | Japan | | | |
| | JM | 61033682 | 02/86 | Japan | | | |
| | JN | 59207169 | 11/84 | Japan | | | |

OTHER REFERENCES:

| EXAMINER INITIAL | Cite No. | Include name of author (in CAPITAL LETTERS), titles of article and/or item, date, page(s), volume and issue numbers, publisher, city and/or country where published | Translation Attached (Y/N) |
|---------------------|-------------|--|-------------------------------|
| | JO | Golf Digest, September, 1982, p. 25. | |
| | JP | Golf Digest, December, 1981, p. 58-59. | |
| | JQ | "Variable Face Thickness Technology," Calloway Golf advertisement, undated. | |

| | | | |
|-------------------------------|--|----------------------------|--|
| Examiner Signature | | Date Considered | |
|-------------------------------|--|----------------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.